

Supplement

Title: NO_x emission trends over Chinese cities estimated from OMI observations during 2005 to 2015

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Table S1 Summary of power plants and cities investigated in this study.

Category	ID	Location	Latitude	Longitude	Mountainous
Power plants	1	Guixi	28.2	117.1	
	2	Huolin	45.5	119.7	
	3	Shangdu	42.2	116.0	
	4	Tuoketuo	40.2	111.4	
	5	Jingyuan	36.7	104.8	Y
	6	Kaiyuan	23.8	103.2	Y
	7	Shentou	39.4	112.6	Y
Cities	8	Changchun	43.9	125.4	
	9	Changsha	28.2	113.0	
	10	Changzhi	36.2	113.1	
	11	Chengde	40.9	117.9	
	12	Daqing	46.6	125.1	
	13	Fuzhou	26.1	119.3	
	14	Guangzhou*	23.0	113.3	
	15	Guiyang	26.7	106.6	
	16	Hangzhou	30.3	120.2	
	17	Harbin	45.8	126.8	
	18	Hefei	31.8	117.2	
	19	Huainan	32.7	117.0	
	20	Jinzhou	41.1	121.1	
	21	Jiujiang	29.7	116.0	
	22	Karamay	45.7	85.0	
	23	Kunming	25.0	102.8	
	24	Linyi	35.1	118.3	
	25	Liuzhou	24.3	109.4	
	26	Longyan	25.1	117.0	
	27	Nanchang	28.6	115.8	
	28	Nanjing	32.1	118.8	
	29	Nanning	22.8	108.4	
	30	Qingdao	36.1	120.2	
	31	Qiqihar	47.3	124.0	
	32	Shanghai	31.2	121.5	
	33	Shantou	23.4	116.7	
	34	Shenyang	41.8	123.4	
	35	Tangshan	39.6	118.2	

36	Tianjin	39.1	117.3	
37	Tonghua	41.8	126.0	
38	Wuhai	39.5	106.7	
39	Wuhan	30.6	114.3	
40	Xiangyang	32.0	112.1	
41	Yueyang	29.4	113.1	
42	Baoji	34.4	107.3	Y
43	Baotou	40.6	109.8	Y
44	Beijing	39.9	116.4	Y
45	Chongqing	29.6	106.6	Y
46	Datong	40.1	113.3	Y
47	Jiayuguan	39.8	98.0	Y
48	Kumul	43.0	93.5	Y
49	Lanzhou	36.1	103.8	Y
50	Panzhuhua	26.6	101.7	Y
51	Taiyuan	37.9	112.3	Y
52	Urumqi	43.8	87.7	Y
53	Wenzhou	28.0	120.7	Y
54	Xi'an	34.3	108.9	Y
55	Zhangye	38.9	100.4	Y

Guangzhou* represents the cities of Guangzhou, Foshan and Dongguan.